

Converting Colors

$Yxy(71.5734, 0.3347, 0.3738)$

Have a look what the booklet for
Yxy(71.5734, 0.3347, 0.3738)
contains.

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Color

Yxy(71.6774, 0.3350, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	DAE0B8
RGB	218, 224, 184
RGB Percent	85%, 88%, 72%
CMY	0.1451, 0.1215, 0.2784
CMYK	0.03, 0.00, 0.18, 0.12
HSL	69°, 39%, 80%
HSV	69°, 18%, 88%
XYZ	64.2202, 71.6774, 55.8045
YIQ	217.6460, 9.2640, -13.7120

Conversions

Conversions Part 2

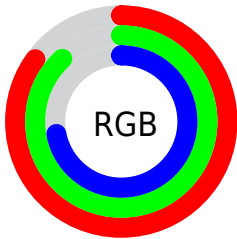
Format	Color
RYB	184, 224, 190
Decimal	14344376
CIELab	87.81, -8.72, 18.93
CIELCh	88, 20.847, 114.735
Yxy	71.6774, 0.3350, 0.3739
Android (android.graphics.Color)	4292534456 (0xFFDAE0B8)
YUV	217.6460, -16.5875, 0.3105
Hunter-Lab	84.6625, -12.7594, 20.1833

Details

The Yxy color **71.6774, 0.3350, 0.3739** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.6197, 0.2880, 0.2812**, and the grayscale version is **69.9677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **37.8012, 0.3400, 0.3849** is the 20% darker color. If you saturate the color by 10%, you get **70.3002, 0.3475, 0.4001**, and if you desaturate by 10%, it is **73.2203, 0.3224, 0.3483**.

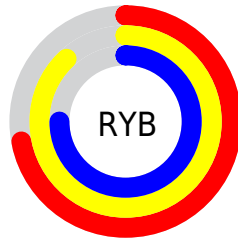
Distribution



Red (85%)

Green (88%)

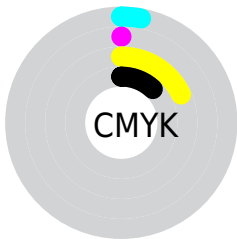
Blue (72%)



Red (72%)

Yellow (88%)

Blue (75%)

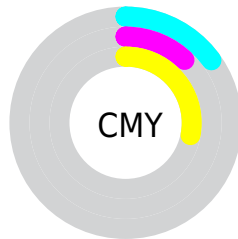


Cyan (3%)

Magenta (0%)

Yellow (18%)

Black (12%)



Cyan (15%)

Magenta (12%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6774, 0.3350, 0.3739 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.6774, 0.3350, 0.3739 by changing the saturation by 10% instead.


 71.6774, 0.3350,
0.3739

 71.6774, 0.3350,
0.3739


466.4180, 0.3249,
0.3527

 52.8952, 0.3373,
0.3788


 121.5978, 0.3315,
0.3665

 37.7191, 0.3400,
0.3850


153.5047, 0.3302,
0.3636

 25.7648, 0.3434,
0.3928


190.5554, 0.3290,
0.3612

 16.6477, 0.3478,
0.4031

233.1341, 0.3280,
0.3590

 9.9837, 0.3536,
0.4173

281.6254, 0.3270,
0.3572

 5.3881, 0.3613,
0.4380

336.4135, 0.3262,

 2.4767, 0.3722,

0.3555

0.4712

397.8829, 0.3255,
0.3540

0.8650, 0.4132,
0.5868

0.0000, 0.0000,
0.0000

71.6774, 0.3350,
0.3739

71.6774, 0.3350,
0.3739

70.3002, 0.3475,
0.4001

73.2203, 0.3224,
0.3483

69.0720, 0.3594,
0.4261

74.9259, 0.3101,
0.3239

67.9886, 0.3703,
0.4509

76.8035, 0.2983,
0.3010

67.0415, 0.3796,
0.4735

77.6015, 0.2982,
0.2974

66.2215, 0.3867,
0.4929

78.1688, 0.3005,
0.2977

65.5183, 0.3913,
0.5081

78.7471, 0.3027,
0.2979

64.9194, 0.3933,
0.5189

79.3362, 0.3050,
0.2981

64.4080, 0.3929,
0.5253

79.9364, 0.3073,
0.2983

64.3039, 0.3927,
0.5264

80.5475, 0.3096,
0.2985

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6774, 0.3546, 0.3683



71.6774, 0.3350, 0.3739



71.6774, 0.3100, 0.3663

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6774, 0.3350, 0.3739



71.6774, 0.2649, 0.3025



71.6774, 0.3389, 0.3112

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.6774, 0.3350, 0.3739



50.6197, 0.2880, 0.2812

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6774, 0.3139, 0.2953



71.6774, 0.3350, 0.3739



71.6774, 0.2719, 0.2897

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6774, 0.3350, 0.3739



71.6774, 0.2701, 0.3235



71.6774, 0.2895, 0.2874



71.6774, 0.3572, 0.3318

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6774, 0.3350, 0.3739



71.6774, 0.2936, 0.3546



71.6774, 0.2895, 0.2874



71.6774, 0.3310, 0.3052

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.6806, 0.3350, 0.3739



98.8440, 0.3189, 0.3413



56.1422, 0.3460, 0.3360



21.1229, 0.3198, 0.3430



0.0000, 0.0000, 0.0000



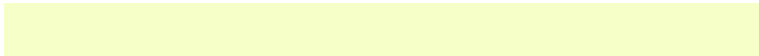
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6806, 0.3350, 0.3739



95.5230, 0.3391, 0.3825



68.7835, 0.3204, 0.3760



15.9197, 0.3244, 0.3523



37.4672, 0.3931, 0.5261



2.6257, 0.3974, 0.5227

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.6197, 0.2880, 0.2812



62.8320, 0.2827, 0.2713



53.3720, 0.3036, 0.2833



13.3417, 0.3004, 0.3049



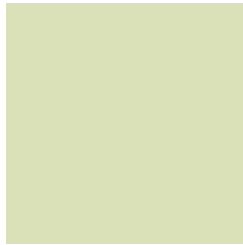
3.3583, 0.1564, 0.0635



0.2641, 0.1686, 0.0702

Previews

White Background



This preview shows how the Yxy color 71.6774, 0.3350, 0.3739 looks on a white background.

Color Contrast Check

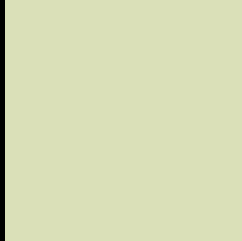
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.6774, 0.3350, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

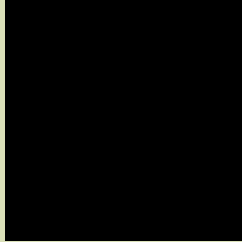
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

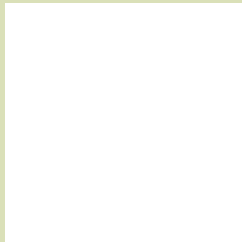
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6774, 0.3350, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 71.6774, 0.3350, 0.3739.

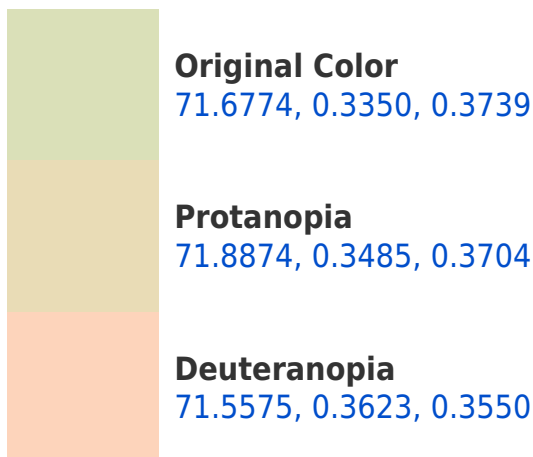


This preview shows how white text looks on a background with the Yxy color 71.6774, 0.3350, 0.3739.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

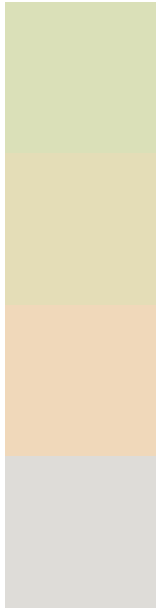




Tritanopia

71.5738, 0.3072, 0.3109

Trichromacy



Original Color

71.6774, 0.3350, 0.3739

Protanomaly

71.6258, 0.3438, 0.3708

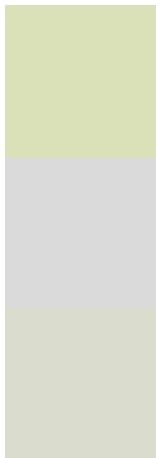
Deuteranomaly

71.1822, 0.3519, 0.3612

Tritanomaly

71.6739, 0.3168, 0.3334

Monochromacy



Original Color

71.6774, 0.3350, 0.3739

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5481, 0.3206, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6774, 0.3350, 0.3739 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(218, 224, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 224, 184) }
```

Border

The CSS property to change the border of an element to Yxy 71.6774, 0.3350, 0.3739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 224, 184) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(218, 224, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(218, 224, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(218, 224,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6774, 0.3350, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 224, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
224, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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